AVerDiGi Hybrid NV7000H

H.264

Major Features

• Hybrid Network Video Recorder (Accepts both CCTV/Analog as well as IP Cameras)	▪ Advanced H264 compression with lower size of recorded data
• MegaPixel IP Cameras (Arecont ®, Iqinvision ®) Supported	▪ Keyboard lockup to enhance security
• Point of sale integration (ANSI ASCII Serial output based cash registers)	▪ Watermark image verification technology
• Supports Dual Monitor Display	▪ Supports over 12 different languages
• Attention metric designed to measure the attention span of security officers	▪ Virtual keyboard
• Intelligent Status Notification (Alert you on HDD space, CPU load, Memory usage, etc)	▪ Record to multiple hard drives
• Compact mode for cleaner interface	▪ Watch dog function built in
• Smart Voice detection recording	▪ Video enhancer software designed to Visually enhance surveillance video data
• Multiple events alarm alert	▪ DDNS function supports dynamic IP
• Bookmark playback for easier retrieval	▪ Central monitoring system enables users to access and monitor multiple DVRs simultaneously for a wide range of applications
• Dispatch Server shares internet access loading	Plus much more!

Performance

Product	NV7000H	
Video Cards	1	2
Video Input	8	16 Channels
Display Rate(NTSC)	240 fps	480 fps
H.264 Recording Rate(NTSC) (320x240)	240 fps	480 fps

H.264 Recording Rate(NTSC) (D1)	60 fps	120 fps
Sensor Input / Relay Output	4 / 4	8 / 8

Specifications subject to change without notice

Product Specification

Video Feature

- 8 ~ 16 (2 cards) composite video inputs (D Type Connector) and/or 8 ~ 16 IP Camera (Selected IP Cameras).   Max of 8 video feed per card.
- 8 audio input channels.   Max of 16 for 2 cards
- Video Format: NTSC
- Support 352x240, 640x480, 720x480, 1920x1200 (Selected 2.3 Megapixel IP Cameras)
- RCA composite video out to a regular terminal or TV monitor
- Supports static as well as dynamic de-interlacing for smoother graphics
- Built in noise reduction algorithm
- Dual-Monitor (VGA) support

Display

- Compact mode and Advanced mode
- Adjustable frame rate and resolution on each camera
- Auto Scan with full screen display under 1, 4, 8, 9, 13, 16-camera display modes
- Digital zoom into specific area
- Pan/Tilt/Zoom (PTZ) cameras: PTZ script is available for adding new protocols
- Auto Gain Control (AGC) balances image quality
- Software based night view function enhances low light condition

Recording

- Video compression standard: H.264
- Support 320x240, 640x480, and 720x480 up to 1920x1200 with selected Megapixel IP Cameras
- Recording up to 1920x1200 (Selected 2.3MPixel IP Cameras)
- Fully de-interlace in 640x480 and 720x480 mode
- Recording modes: Alarm triggered/sensor triggered/motion detection/continuous/smart/scheduled/voice detection
- Programmable multiple masking zones
- Intelligent shield protects privacy
- Capable of recording audio channel(s) with full synchronization
- Max up to 16 audio channels recording (per 2 cards)
- Auto recycling when storage nearing full
- Intelligent pre-motion and post motion recording

Search & Playback

- Real time playback without having to disable recording/network functions
- Power search: by date, time, camera, area, event, vision, POS text or log file
- Full screen playback
- Complete playback control: forward, backward, speed up, slow down
- Digital zoom into any designated area
- Export a single frame into a file or print out
- Set a segment and have it output as avi video clip
- Visual search by day, hour, minute, second
- Bookmark search: By time, description. Protect recorded file from being recycled and show file status

Remote Access

- Simultaneous multiple remote live/recorded surveillance via Internet Explorer 6
- Backup remotely
- Central management server controls multiple DVRs
- Remote monitoring / remote recording / playback remote recording / playback server recording
- Full control of PTZ cameras remotely
- PDA handy view (Windows CE/Pocket PC 2002 or above)
- Two-way audio communication
- 1,4,9 and 16 screen divisions
- Remote E-map
- Choose from dial-up, Internet or Lan speed
- Dispatch server allows you to broadcast video stream to the public
- Remote SDK Support

Schedule

- Record, enable network, backup, reboot and disabling alarms
- One time or weekly schedule
- Scheduling can be done down to every quarter of an hour

E-map

- Shows you the positions of cameras, sensors and relays and stores up to 8 different maps

Alarm Notifications

- E-mail notifications
- FTP notifications
- Voice modem call out notification
- Turn relay on (light switch, alarm, etc)
- Plays warning sound (can be re-recorded)

- Start recording on multiple cameras (capture video from different angle)
- Send TV-out signals
- Launch E-Map
- Enlarge camera view
- Send SMS/MMS
- Alert messages helps security follow proper standard operational procedures

User Access

- Setup up to 32 users with their own individual passwords for remote access

- Each user can be preconfigured to perform only certain actions (eg. access specific cameras remotely)
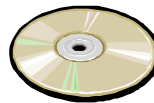
I/O card (Included)

- 4 sensor inputs and 4 relay outputs control included in package. Up to 96 Sensors/Relays possible with external third party I/O Box (Moxa brand)

System Requirements

- CPU: Pentium® 4 2.8 GHz or higher
- Motherboard with Intel 915/945/955/965/975 Chipset (VIA/SiS/Ali Chipset motherboards not supported) (Recommended Intel, ASUS, Gigabyte motherboards)
- OS: XP Professional
- RAM: 512MB minimum
- 32-bit PCI 2.1 compliant bus slot
- HDD: 80GB or higher
- CD-ROM/DVD-ROM
- 32-bit high color SVGA graphics card with at least 128MB video memory and DirectDraw® / YUV Rendering Capability (AGP or PCI Express Recommended)
- 10/100 Base-T Ethernet card
- Sound card and speakers

NV7000H Card

Product Information	Details
Product Name	AVerDiGi NV7000H
Box Dimension	8.5' x 12' x 3'
Box Weight	2.3 lb
UPC Code	795522960375
AverMedia SKU	NVDNV7KH0

What's Included?

- 1 NV7000H Card
- 1 x 8 Audio/Video Octopus Cable
- 1 Watchdog Cable
- 1 Quick User Guide
- 1 Installation CD (includes drivers, application program, manual)
- 1 I/O Box & cable
- 1 Video Signal Cable